

Work Order ID 147034***147034***

Page 1

Friday, May 27, 2016 2:41:32 PM

Item ID: D350-578-015 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: AS350/AS355 Bearpaws - Run-on Landing Wearplate Compatible
Start Date: 5/27/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 5/30/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference: Disassemble

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-578	H								

180

0.00

180

Packaging

Packaging

Packaging

Memo

PULL FROM STOCK:

1 x D350-578-015 B144719

Disassemble - return all parts to stock

(Use for D407-559-115)

0.00

190

QC21- Final Inspection - Work Order Release

0.00

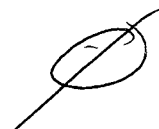
190

QC

Quality Control

Memo

0.10

MS 

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																													
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Picklist Print

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Friday, May 27, 2016 2:41:38 PM

Work Order ID: 147034

147034

Parent Item: D350-578-015

D350-578-015

Parent Item Name: AS350/AS355 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 5/27/2016

Required Date: 5/30/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV: A NEW ISSUE 12-07-25 JLM VERIFIED BY:DD IPP
REV:C 15.03.30 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-17A		Purchased	No				Each	189.0000		-12			DAS 6 9-89
AN4-17A									**	<u>133998</u>			
Bolt													

Location	Loc Qty	Loc Code
over003	100	
M134573	50	
M134754	50	
ST343	89	
M134508	39	
M134634	50	

D2432-3		Manufactured	No				Each	1.0000		-2			DAS 6 9-89
D2432-3									**	<u>139891</u>			
206 (24") Bearpaw													

Location	Loc Qty	Loc Code
ST454a	1	
139891	1	

D2529		Manufactured	No				Each	523.0000		-12			DAS 6 9-89
D2529									**				
Washer													

Location	Loc Qty	Loc Code
ST008	523	
<u>143819</u>	273	
145269	250	

MAY 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Work Order ID: 147034

147034

Parent Item: D350-578-015

D350-578-015

Parent Item Name: AS350/AS355 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 5/27/2016

Required Date: 5/30/2016

Start Qty: 1.00

Required Qty: 1.00

D3601-1 Manufactured No

Each 268.0000 -12

D3601-1

Radius Block

DAS

6

9-89

Location

Loc Qty

Loc Code

ST045

266

144330

26

144718

240

ST046

2

141269

2

D4011-1 Manufactured No

Each 141.0000

D4011-1

Clamp, Short

DAS

6

9-89

Location

Loc Qty

Loc Code

ST544

141

145016

141

D4012-1 Manufactured No

Each 49.0000

D4012-1

Cushion

DAS

6

9-89

Location

Loc Qty

Loc Code

FG

5

133458

5

ST545

44

144666

44

MAY 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Friday, May 27, 2016 2:41:38 PM

Work Order ID: 147034

147034

Parent Item: D350-578-015

D350-578-015

Parent Item Name: AS350/AS355 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 5/27/2016

Required Date: 5/30/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

2,786.000

-12

MS21042L 4

Locknut

Location

Loc Qty

Loc Code

DAS

GA

187

m133769

187

OVER007

2000

m134762

1000

m134861

1000

ST303

502

m134606

3

m134676

499

ST305

97

m130922

97

NAS1149D0463J

Purchased

No

Each

3,939.000

-12

NAS1149D0463.J

WASHER

Location

Loc Qty

Loc Code

DAS

GA

146

M132035

21

M134508

125

ST260a

3600

M134754

2600

M134852

1000

ST263

193

M134634

193

6

9-89

MAY 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause			FAULT CATEGORY							
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	OTHER : _____							
Misidentified ☐	☐	Past Due								

Picklist Print

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Work Order ID: 144719

144719

Parent Item: D350-578-015

D350-578-015

Parent Item Name: AS350/AS355 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 4/26/2016

Required Date: 4/29/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV: A NEW ISSUE 12-07-25 JLM VERIFIED BY:DD IPP
REV:C 15.03.30 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2432-3 *D2432-3* 206 (24") Bearpaw		Manufactured	No				Each	5.0000		+2			DAS 6 9-89 DAS 27 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST454a			5						
				139891			5						
D2529 *D2529* Washer		Manufactured	No				Each	628.0000		24 1/2			DAS 6 9-89 DAS 27 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST008			500						
				143819			500						
				ST009			128						
				141458			128						
D3601-1 *D3601-1* Radius Block		Manufactured	No				Each	2.0000		24 1/8			DAS 6 9-89 DAS 27 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST046			2						
				141269			2						
D4011-1 *D4011-1* Clamp, Short		Manufactured	No				Each	36.0000		12 6 1450/16			DAS 6 9-89 DAS 27 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST544			36						
				141469			36						

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Work Order ID: 144719

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Parent Item: D350-578-015

D350-578-015

Parent Item Name: AS350/AS355 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 4/26/2016

Required Date: 4/29/2016

Start Qty: 2.00

Required Qty: 2.00

D4012-1

Manufactured No

Each 26.0000

D4012-1

Cushion

**

12 6
1446000

DAS 27
6 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FG
133458
ST545
~~143847~~

5
5
21
21

Each 198.0000

**

24 12

AN4-17A

Purchased No

AN4-17A

Bolt

Location

Loc Qty

Loc Code

over003
M134508
M134573
ST343
M133998

100
50
50
98
98

Each 2,824.000

**

12
24 12
134634

DAS 27
6 9-89

DAS
28
9-89

NAS1149D0463J

Purchased No

NAS1149D0463J

WASHER

Location

Loc Qty

Loc Code

GA
M132035
M134508
ST260a
M134508
ST263
M134039
M134573
ST269
M132317
M132677

342
21
321
600
600
894
29
865
988
100
888

DAS 27
6 9-89

DAS
28
9-89

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Shop Packet Print

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Work Order ID: 144719

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Parent Item: D350-578-015

D350-578-015

Parent Item Name: AS350/AS355 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 4/26/2016

Required Date: 4/29/2016

Start Qty: 2.00

Required Qty: 2.00

MS21042L4

Purchased

No

Each

2,054.000

24/2

MS21042L 4

Locknut

**

DAS

6

9-89

DAS

27

9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA	288	
m133769	288	
OVER007	1500	
m134509	500	
m134606	1000	
ST303	169	
m134055	1	
m134502	168	
ST305	97	
m130922	97	

12

MAY 11